

SEQUENCE LISTING

<110> RIKEN

Japan Science and Technology Corporation

<120> Nucleic acid having a novel unnatural base and use thereof

<130> YCY797

<150> JP 2002-208568

<151> 2002-7-17

<160> 10

<210> 1

<211> 100

<212> RNA

<213> Artificial sequence

<220>

<223> RNA aptamer

<400> 1

gggaguggag gaauucug aggcauangu cgacuccguc uuccuucaaa ccaguuauaa 60
auugguuuua gcuaugccu uagcgacagc aagcuucugc 100

<210> 2

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> Designed primer for PCR

<400> 2

ggtaatacga ctactatag ggagtggagg aattcatcg 39

<210> 3

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<223> Designed primer for PCR

<400> 3

gcagaagctt gctgtcgcta aggcataatg 29

<210> 4

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<221> n means 2-amino-6-(2-thienyl)-purine-9-yl

<223> Designed primer for PCR

<400> 4

gcagaagctt gctgtcncta aggcataatg 29

<210> 5

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<221> n means 2-amino-6-(2-thienyl)-purine-9-yl

<223> Designed primer for PCR

<400> 5

gcagaagctt gctntcgcta aggcatatg 29

<210> 6

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<221> n means 2-amino-6-(2-thienyl)-purine-9-yl

<223> Designed primer for PCR

<400> 6

gcagaagcnt gctgtcgcta aggcatatg 29

<210> 7

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<221> n means 2-amino-6-(2-thienyl)-purine-9-yl

<223> Designed primer for PCR

<400> 7

gcagaagcnt gctgtcncta aggcatatg 29

<210> 8

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<221> n means 2-amino-6-(2-thienyl)-purine-9-yl

<223> Synthesized template strand for transcription

<400> 8

tattatgctg agtgatatcc ctccttctnt ctcgt

35

<210> 9

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Synthesized template strand for transcription

<400> 9

tattatgctg agtgatatcc ctccttctat ctcgt

35

<210> 10

<211> 28

<212> DNA

<213> Artificial sequence

<220>

<223> Designed primer for transcription

<400> 10

ataatcgact ctactatagg gaggaaga

28